

CPC EMC NHC OPC WPC CCB
Meeting Agenda
1730Z – 11 Apr 2019

I. Enterprise Discussion

A. Schedule of Events (SOE) Enterprise highlights, available [online](#)

❖ WCOSS:

- April 12 – single cycle parallel production test in Reston.
- Production switch from Orlando to Reston on April 15.

B. Upcoming Model Changes and additions – details are available [online](#).

Model	30-day IT stability start	30-day IT stability end	Implementation Date
GFSv15	Feb 15 TBD	Mar 17 TBD	Mar 20 TBD
HYSPLIT	Feb 15 TBD	Mar 17 TBD	Mar 20 TBD
NWM	Mar 29	Apr 28	Early May

❖ The GFS SCN may be viewed at:

<https://www.weather.gov/media/notification/scn19-12gfsv15.pdf> .

Implementation was to be March 20 but testing is ongoing re: 2 issues EMC is aware of. See the SCN for more details.

C. Proposed upcoming NCO RFC(s) with potential Enterprise effect:

- ❖ RFC 5602 - Add NetApp snapshots for OPC. Was to be implemented on April 8 at 1430Z; status unknown.
- ❖ RFC 5594 - At NHC, re-cable the remaining bare NHC metal servers servers, OPS workstations and appliances to route cabling through the TOR (Top of Rack) cabling system into the new DataCenter Core Switch. One or 2 systems

will be cabled at a time. This is in preparation for pulling out the old under the floor cabling and retiring the old NHC 6509 core switches. There will be an outage of up to 15 minutes for the Miami WFO while the routers are moved at 1600z on Monday, April 8th. Other than that, there will up to 1-5 minute outages for each NHC bare metal Linux server and OPS workstation that is moved between April 8 and April 12. Implementation began on April 8 at 1230Z and should be completed on April 12.

- ❖ RFC 5598 - Promote NOS CO-OPS water level data from Dev to Prod on WCOSS. This dataset is used as input for the HSOFS (Hurricane Surge Ocean Forecast System) model and has been downloading to /dcomdev for several months. HSOFS is being upgraded and needs its input moved to production ahead of the upgrade. Was to be implemented on April 8 and 9 at 1400Z each day; rescheduled for April 10 and 11 at 1400Z each day.
- ❖ RFC 5595 - Upgrade GWSAS servers to the latest Wxconnect version (v3.3.2). Includes the following:
 - Make WxConnect RPMs 'Upgradeable'
 - LUT_NAME metadata field is missing in FITS files
 - Date fields in WxConnect FITS files do not adhere to the FITS standard format
 - NetCDF Generator Memory Leak
 - Add units in the comment section of FITS fields
 - PUG G.1 updates
 - FITS fields longer than 67 characters are truncated
 - Disable SSLv2 and SSLv3

To be implemented as follows:

April 8:

NCW Spare, at 1300Z; (completed)
IRC HRB Spare, at 1400Z; (completed)
Guam HRB Spare, at 1500Z; (completed on April 9)
ARH Spare, at 1600Z; (completed) and
SWC Spare, at 1700Z (new date TBD).

April 9:

NCW West, at 1300Z; (new date TBD)
SPC Spare, at 1400Z; (new date TBD)
AWC Spare, at 1500Z; (completed on April 8)
NHC Spare, at 1600Z; (completed)
IRC GRB Spare, at 1700Z; (completed) and
SWC West, at 1800Z (new date TBD).

April 11:

NCW East, at 1300Z;
SPC West, at 1400Z;
AWC West, at 1500Z; (completed on April 9)
NHC West, at 1600Z;
SWC East, at 1700Z;
ARH GRB, at 1800Z; and

April 12:
SPC East, at 1300Z;
AWC East, at 1400Z; (completed on April 8)
NHC East, at 1500Z;
IRC HRB, at 1600Z;
IRC GRB, at 1700Z; and
Guam HRB, at 1800Z.

D. Partners presentation/discussion

II. New Business

- ❖ Scheduled RFCs (Approve/Reject/Defer)
- ❖ Discuss RFCs rejected by the CM staff
- ❖ SCNs/PNSs that may require inter-Center coordination:
 - Termination of Gridded MOS (GMOS) effective November 5, 2019. See the SCN at: https://www.weather.gov/media/notification/scn19-28term_gmos.pdf.
 - Changes to the Post Tropical Cyclone text product issued by WFOs following tropical cyclones effective on or around June 1, 2019. See the SCN at: https://www.weather.gov/media/notification/scn19-29post_tropical_text.pdf.

III. Old Business

- ❖ Verify Completion of Previously Scheduled RFCs
- ❖ Deferred Items

IV. Announcements/Reminders

- ❖ None

V. Next meeting – Thursday Apr 18 @ 1:30 PM ET (1730Z)